

INFINEUM VEKTRON 6913 FLEET TEST - FTP NOx RESULTS (grams / mi)

VEHICLE	SwRI CODE	Base Emissions Test					Run 1 Emissions Test				Run 2 Emissions Test				
		1	2	3	4	5	Avg	1	2	3	Avg	1	2	3	Avg
'99 Ford Explorer 1	EX-1		0.040	0.037			0.0385	0.039	0.034		0.0365	0.042	0.044	0.0430	
'99 Ford Explorer 2	EX-2	0.042	0.040				0.0410	0.039	0.042		0.0405	0.040	0.047	0.0435	
'99 Ford Explorer 3	EX-3		0.042	0.035			0.0385	0.040	0.046		0.0430	0.042	0.044	0.0430	
'99 Ford Explorer 4 *	EX-4	0.032	0.035	0.038	0.035	0.032	0.0344	0.031	0.041	0.037	0.0363	0.035	0.041	0.0380	
'99 GM C-1500	GC-1	0.356	0.289				0.3225	0.344	0.339		0.3415	0.381	0.315	0.3480	
'99 GM C-1500	GC-2	0.499	0.441				0.4700	0.425	0.427		0.4260	0.434	0.442	0.4380	
'99 GM C-1500	GC-3	0.300	0.317				0.3085	0.371	0.349		0.3600	0.427	0.381	0.4040	
'99 GM C-1500	GC-4	0.390	0.368				0.3790		0.377	0.384	0.3805	0.409	0.386	0.3975	
'98 Honda Accord 1	HA-1		0.098	0.106			0.1020	0.096	0.109		0.1025	0.109	0.106	0.1075	
'98 Honda Accord 2	HA-2		0.118	0.072	0.073		0.0877		0.090	0.105		0.0975	0.082	0.071	0.0765
'98 Honda Accord 3	HA-3	0.051		0.079	0.055		0.0617		0.088	0.072		0.0800	0.121	0.106	0.1135
'98 Honda Accord 4	HA-4	0.059	0.062				0.0605		0.056	0.079	0.073	0.0693	0.078	0.077	0.0775
'97 Ford F-150 1	FF-1		0.118	0.134			0.1260	0.125	0.133	0.135	0.1310	0.191	0.148	0.167	0.1687
'97 Ford F-150 2	FF-2		0.159	0.116	0.140		0.1383		0.120	0.119		0.1195	0.136		0.1355
'97 Ford F-150 3	FF-3	0.083	0.113	0.106			0.1007		0.140		0.145	0.1425	0.179	0.156	0.1675
'97 Ford F-150 4	FF-4	0.097		0.078			0.0875		0.160	0.179		0.1695	0.195	0.204	0.1995
'96 Ford Escort 1	FE-1	0.215	0.241				0.2280	0.309	0.323		0.3160		0.346	0.339	0.3425
'96 Ford Escort 2	FE-2	0.380	0.363				0.3715	0.472	0.476		0.4740		0.519	0.527	0.5230
'96 Ford Escort 3 **	FE-3	0.666	0.596	0.656	0.711	0.756	0.6770								
'96 Ford Escort 4	FE-4	0.392	0.386				0.3890	0.399	0.415		0.4070	0.435	0.420		0.4275
'96 Ford Escort 5	FE-5	0.244	0.254				0.2490	0.348	0.341		0.3445	0.397	0.368		0.3825
'95 Dodge Caravan 1	DC-1	0.419	0.420				0.4195	0.381	0.404		0.3925	0.385	0.390		0.3875
'95 Dodge Caravan 2	DC-2	0.706	0.655				0.6805	0.716	0.710		0.7130	0.749	0.717		0.7330
'95 Dodge Caravan 3	DC-3	0.530	0.494				0.5120	0.500	0.464		0.4820	0.536	0.506		0.5210
'95 Dodge Caravan 4	DC-4	0.532	0.522				0.5270	0.485	0.437		0.4610	0.437	0.434		0.4355
'94 Buick LeSabre	GP-1	0.266	0.245				0.2555	0.184	0.224		0.2040	0.241	0.233		0.2370
'94 Buick LeSabre	GP-2	0.115	0.120				0.1175	0.161	0.158		0.1595	0.153	0.154		0.1535
'94 Buick LeSabre	GP-3	0.106	0.097				0.1015	0.141	0.134		0.1375		0.208	0.185	0.1965
'94 Olds 88 Royale	GP-4		0.152	0.144			0.1480		0.177	0.171		0.1740	0.187	0.179	0.1830

NOTES:

Number heading (1 - 5) under Emissions Test corresponds to SWRI emissions test number.

Emissions were tested in duplicate. Additional tests were run if necessary as judged using the CRC Auto / Oil Protocol [Painter, L.J., and Rutherford, J.A., "Statistical Design and Analysis Methods for the Auto / Oil Air Quality Research Program," SAE Paper 920319].

* EX-4, the first test vehicle using the alternating fuel sequence, experienced an improper fueling at the beginning of the test program. EX-4 was restarted on RUN1 and resulted in 5 base emissions tests.

** FE-3 experienced mechanical problems during the program. The test sequence was restarted twice at RUN1, thus 5 base emissions tests were run, but was finally dropped from the program and replaced by FE-5.